

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES

PUBLIC NOTICE OF INTENT TO MODIFY A WISCONSIN POLLUTANT DISCHARGE ELIMINATION SYSTEM (WPDES) PERMIT No. WI-0049131-04-1

Permittee: Wisconsin Electric Power Co -Town of Paris, PO Box 2046, Milwaukee, WI, 53201

Facility Where Discharge Occurs: Wisconsin Electric Power Co -Town of Paris, 335 172nd Avenue

Receiving Water And Location: Unnamed Tributary to the Des Plaines River (Des Plaines River Watershed, Fox (IL) River Basin) in Kenosha County

Brief Facility Description: The Paris Generating Station (PSGS) consists of four combustion turbine-generator units and operates as a peak power plant to provide electricity only during periods of high demand or when base-load and intermediate-load facilities are offline. An oil water separator (OWS) is used onsite to treat stormwater runoff. PSGS uses water from an on-site high capacity well (design flowrate of 600 gpm) for plant processes. The well is the source of water for the Evaporative Condenser/Inlet Air Cooling System (EC/IACS), wet nitrogen oxides (NO_x) air pollution control system, dilution water system, and fire protection system. The EC/IACS was taken out of service in November 2009 and is currently in long-term layup. Water from the on-site high capacity well is purified for this system by multimedia filters (to remove suspended solids), a reverse osmosis system (to remove dissolved solids), and demineralizers (for polishing). Multimedia filter backwash and reverse osmosis reject are discharged onsite. The demineralizer systems are regenerated offsite, and partially demineralized groundwater from the demineralizer systems is discharged onsite. Occasionally, vendor-supplied, trailer-mounted reverse osmosis systems and/or demineralizer systems are brought onsite, as needed, to help replenish the supply of purified water. A dilution water system was installed to address Outfall 001 effluent toxicity concerns and is operated when the reverse osmosis system is in operation.

Permit Drafter's Name, Address, Phone and Email: Lisa Creegan, DNR, 2300 N Dr Martin Luther King Jr Dr, Milwaukee, WI, 53212, (414) 263-8701, Lisa.Creegan@wisconsin.gov

Basin Engineer's Name, Address, Phone and Email: Jacob Wedesky, DNR, 2300 N Dr Martin Luther King Jr Dr, Milwaukee, WI 53212, (414) 239-1480, jacob.wedesky@wisconsin.gov

Proposed Modification: The permit is proposed to be modified to remove temperature limitations, adjust phosphorus limitations, adjust Water Quality Trading calculations, and clarify WET testing requirements in permit section 1.2.4. The Temperature Limits Compliance schedule was removed from permit section 2.3. Through the collection of additional temperature data and a recalculation of temperature limits, the Department has determined that the permitted discharge no longer had reasonable potential to exceed thermal standards. The attachment "Temperature Limits for Receiving waters with Unidirectional Flow" was added to the fact sheet to show adjusted thermal limit calculations.

The Department has tentatively decided that the above specified WPDES permit should be modified, and if the modification to the permit is finalized, it will resolve all issues raised in a contested case hearing petition filed by the permittee on November 27, 2019.

Persons wishing to comment on or object to the proposed permit action, or to request a public hearing, may write to the Department of Natural Resources at the above-named permit drafter's address. All comments or suggestions received no later than 30 days after the publication date of this public notice will be considered along with other information on file in making a final decision regarding the permit. Anyone providing comments in response to this public notice will receive a notification of the Department's final decision when the permit is issued. Where designated as a reviewable surface water discharge permit, the U.S. Environmental Protection Agency is allowed up to 90 days to submit comments or objections regarding this permit determination. If no comments are received on the proposed permit from anyone, including U.S. EPA, the permit will be issued as proposed.

The Department may schedule a public informational hearing if requested by any person and shall schedule a public informational hearing if a petition requesting a hearing is received from 5 or more persons or if response to this notice indicates significant public interest pursuant to s. 283.49, Stats. Requests for a public informational hearing shall state the following: the name and address of the person(s) requesting the hearing; the interest in the proposed permit of the person(s) requesting the hearing; the reasons for the request; and the issues proposed to be considered at the hearing.

Information on file for this permit action, including the draft permit, fact sheet and permit application, is accessible via e-mail by contacting the above-named permit drafter's e-mail address or the above-named basin engineer's e-mail during normal business hours Monday through Friday (except holidays). Note that DNR staff have limited access to permit hard copy files during this time as they are working from home, but much of the permit file is available electronically by e-mail request. Permit information is also available on the internet at: <http://dnr.wi.gov/topic/wastewater/PublicNotices.html>. Pursuant to the Americans with Disabilities Act, reasonable accommodation, including the provision of informational material in an alternative format, will be made to qualified individuals upon request.

NAME AND ADDRESS OF PUBLISHING NEWSPAPER: Kenosha News, PO Box 190, Kenosha, WI 53140-4194

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